CREATE TABLE STAFF

(

S\_ID VARCHAR2(20),

NAME VARCHAR2(50),

GENDER VARCHAR2(10),

JOB VARCHAR2(50),

DOB DATE,

CONTACT NUMBER(10),

ADDRESS VARCHAR2(100),

CONSTRAINT STAFF\_SID\_PK PRIMARY KEY(S\_ID)

);

CREATE TABLE TREATMENTS

(

T\_ID VARCHAR2(20),

T\_NAME VARCHAR2(50),

COST NUMBER(10),

CONSTRAINT TN\_TID\_PK PRIMARY KEY(T\_ID)

);

CREATE TABLE BILL

(

BILL\_ID VARCHAR2(20),

ROOM\_COST NUMBER(10,2),

TREATMENT\_COST NUMBER(10,2),

OTHER\_COST NUMBER(10,2),

CONSTRAINT BILL\_BILLID\_PK PRIMARY KEY(BILL\_ID),

CONSTRAINT BILL\_BILLID\_FK FOREIGN KEY(BILL\_ID) REFERENCES PATIENT(P\_ID) ON DELETE CASCADE

);

CREATE TABLE DONE\_BY

(

T\_NO VARCHAR2(20),

P\_ID VARCHAR2(20),

T\_ID VARCHAR2(20),

S\_ID VARCHAR2(20),

T\_DATE DATE,

REMARKS VARCHAR2(50),

CONSTRAINT DONEBY\_TNO\_UQ UNIQUE(T\_NO),

CONSTRAINT DONEBY\_PID\_FK FOREIGN KEY(P\_ID) REFERENCES PATIENT(P\_ID) ON DELETE CASCADE,

CONSTRAINT DONEBY\_TID\_FK FOREIGN KEY(T\_ID) REFERENCES TREATMENTS (T\_ID) ON DELETE CASCADE,

CONSTRAINT DONEBY\_SID\_FK FOREIGN KEY(S\_ID) REFERENCES STAFF(S\_ID) ON DELETE CASCADE

);

create table Patient

(

P\_ID varchar2(20),

P\_NAME varchar2(50),

GENDER varchar2(10),

CONTACT NUMBER(10),

ADDRESS varchar2(100),

DOB date,

DOA date,

DOD date,

Constraint PATIENT\_PID\_PK Primary Key(P\_ID)

);

CREATE TABLE ROOM

(

ROOM\_NO VARCHAR2(20),

TYPE VARCHAR2(50),

RENT NUMBER(10,2),

CONSTRAINT ROOM\_ROOMNO\_PK PRIMARY KEY(ROOM\_NO)

);

create table TREATED\_IN

(

P\_ID VARCHAR2(20),

ROOM\_NO VARCHAR2(20),

NO\_OF\_DAYS NUMBER(10),

IN\_DATE date,

CONSTRAINT TIN\_PID\_FK FOREIGN KEY(P\_ID) REFERENCES PATIENT(P\_ID) ON DELETE CASCADE,

CONSTRAINT TIN\_ROOMNO\_FK FOREIGN KEY(ROOM\_NO) REFERENCES ROOM(ROOM\_NO) ON DELETE CASCADE,

CONSTRAINT TIN\_PID\_ROOMNO\_PK PRIMARY KEY(P\_ID,ROOM\_NO)

);